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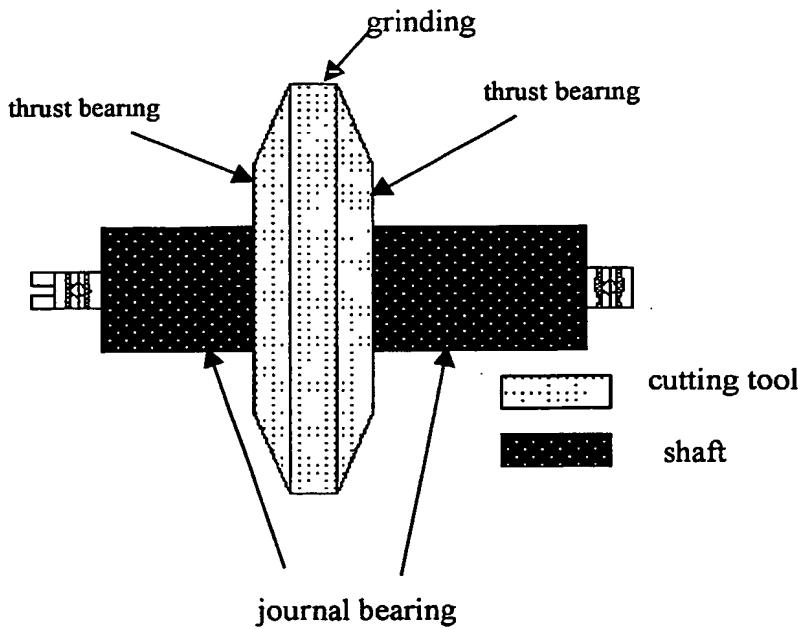
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(54) Title: A MONOLITHIC ROTATING TOOL



(57) Abstract: A solution is presented for high speed rotating devices, in particular cutting tools, whereby the said rotating device (1) is made monolithic with its shaft and the bearing system, needed to support it during rotation, uses the surfaces of the rotating device (1) as bearing surfaces. In the preferred embodiment, the fluid film bearing system includes two journal bearings (2,4) on both sides of the cutting tool and two thrust bearings (2,3), which use the faces of the cutting tool (1) as bearing surfaces



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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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